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Subject: NWNG, Phase 1 Off-shore FSA - Analysis of Groundwater Collected at Boring GS-03
Date: 12/26/2006 02:12 PM

Hello John.

This e-mail provides my understanding of the telephone discussion between Anchor and DEQ on December 20, 2006 regarding analysis of a groundwater sample collected at Boring GS-03.

Based on the telephone discussions DEQ understands the following items were clarified and agreed upon.

- During drilling at GS-03 elevated specific conductance (SC) measurements (~4,600 micromhos/cm [umhos/cm]) were made at around 50 feet below mudline.
- This SC measurement warranted expanding the analyte list for the groundwater sample collected from this depth interval.
- Sample analysis will include the metals (total and dissolved) and inorganic parameters (i.e., "Additional Conventionals") listed in Table 8b of the Final Phase 1 Offshore FSA (see Footnote).

I also understand from our discussions that elevated SC was also measured at ~50 feet below ground surface at Boring GS-00. As we discussed, this information suggests that elevated SC may be observed at similar depth intervals during drilling and sampling at borings GS-01 and GS-02. We agreed that metals and inorganic parameters will be analyzed for at GS-01 and GS-02 if elevated SC is measured at these locations.

DEQ requests written acknowledgement that our understanding of the December 20th telephone call is consistent with Anchor's, and that the items listed above will be incorporated into the field sampling program.

Please feel free to contact me with questions regarding this e-mail.

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Footnote. Anchor Environmental, LLC, 2006, "Final Phase 1 Field Sampling Approach, GASCO Siltronic Groundwater Source Evaluation", September (as amended by the "Addendum to Offshore Final Phase I Field Sampling Approach, NW Natural, Gasco Site, Portland, Oregon", September 29). A work plan prepared on behalf of the Northwest Natural Gas Company.